| Inde | x of | Clai | ms |  |
|------|------|------|----|--|
|      |      |      |    |  |

| Application | /Control No. |
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10/681,644

**Melvin Jones** 

Examiner

Reexamination HAWKES ET AL.

Applicant(s)/Patent under

Art Unit

3744

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

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| Final    | Original   | 24.5/  |  |  |          |                           |          |              |  |                 |
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|          | ₫  | $\vdash$   |  |  |          |                           |          |              |  |                 |
|          | 7  | Γ  |  |  |          |                           |          |              |  |                 |
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|          | 9  |  |  |  |          |                           |          |              | Ĺ  |                 |
|          | 10   |  | L  |  |          |                           |          | ٠            |  |                 |
|          | 11   |  | _  |  |          |                           | $\Box$   |              | <u> </u>   | Ц               |
|          | 12   | <u> </u>   | _  | _  | Ш        |                           |          |              | L.   | Ш               |
| <u> </u> | 12<br>13<br>14<br>15<br>16<br>17<br>18                         | <u> </u>   | <u> </u>   | _  |          | <u> </u>                  |          |              |  | Ш               |
|          | 14   | <u> </u>   | _  |  |          | _                         |          |              | ļ  | $\dashv$        |
|          | 19   | <u> </u>   | -  |  |          |                           |          |              |  | -               |
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|          | 11   |  | _  | _  |          |                           |          | _            | -  |                 |
|          | 18   | 11   |  |  |          |                           |          |              |  |                 |
|          | 30   | 1  |  |  |          | _                         |          |              | -  | $\dashv$        |
|          | 21   | -  | $\vdash$   |  |          | _                         |          |              | ┝  | $\dashv$        |
| <u> </u> | 22   | $\vdash$   |  |  | H        |                           |          |              | $\vdash$   | $\dashv$        |
|          | 23   |  |  | $\vdash$   |          |                           |          |              |  | Н               |
|          | 24   | $\vdash$   | $\vdash$   |  |          |                           |          |              |  | $\neg$          |
|          | 19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | T  |  |  |          |                           |          |              |  | П               |
|          | 26   |  |  |  |          |                           |          |              |  |                 |
|          | 27   |  |  |  |          |                           |          |              |  |                 |
|          | 28   |  |  |  |          |                           |          |              |  |                 |
|          | 29   |  |  |  | L        |                           |          |              |  |                 |
|          | 30   |  |  |  |          |                           |          |              |  | Ш               |
|          | 31   |  |  |  |          |                           |          |              |  | Щ               |
|          | 32<br>33   | Ь_   | ļ  | <u> </u>   | _        |                           |          | <u> </u>     |  | Щ               |
|          | 33   | <u> </u>   | <u> </u>   | <u> </u>   | _        | $ldsymbol{ldsymbol{eta}}$ | $\vdash$ | ļ            | <u> </u>   | Щ               |
|          | 34<br>35   | <del> </del> —                                   | -  | $\vdash$   | $\vdash$ | <u> </u>                  | -        | <del> </del> |  | Н               |
| ļ        | 36   | $\vdash$   | $\vdash$   | $\vdash$   | -        |                           |          | <u> </u>     | H  | $\vdash \vdash$ |
| <u> </u> | 37   | <del>                                     </del> | H  | ⊢  | -        | $\vdash$                  | H        | <u> </u>     |  | $\vdash\vdash$  |
|          | 38   |  | <del>                                     </del> | <del>                                     </del> | $\vdash$ | $\vdash$                  |          |              |  | Н               |
|          | 38<br>39   |  | ┢  |  | $\vdash$ |                           | H        | $\vdash$     | <del>                                     </del> | Н               |
|          | 40   | $\vdash$   | Т  |  | Г        | $\vdash$                  | Г        | _            |  | М               |
|          | 41   |  |  |  |          |                           |          |              |  |                 |
|          | 42   | L  |  |  |          |                           |          |              |  |                 |
|          | 43   |  |  |  |          |                           |          |              |  |                 |
|          | 44   |  |  |  |          |                           |          |              | 匚  | Ш               |
|          | 45   |  | L  | <u> </u>   | L        | L                         | <u> </u> |              | <u> </u>   | Ш               |
|          | 46   | <u> </u>   | <u> </u>   | _  | L        | L                         | <u> </u> | <u>L</u>     | Щ  | Ш               |
| <u> </u> | 47   | _  | Щ.   | <u> </u>   | <u> </u> | <u> </u>                  | <u> </u> | _            | Щ  | $\sqcup$        |
| <u> </u> | 48   | <u> </u>   | <u> </u>   | <u> </u>   | _        | <del> </del>              | <u> </u> | <u> </u>     | <u> </u>   | Щ               |
| <u> </u> | 49<br>50   | <u> </u>   |  | _  | <u> </u> | _                         | -        | <u> </u>     | _  | Н               |
| 1 .      | . n()  |  |  | 1  | ı        | 1                         |          |              |  |                 |

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|          |                |  |          |          |  |  |  |          |              |  |
| Final    | Original       |  |          |          |  |  |  |          |              |  |
|          | 51             |  |          |          |  |  |  | _        |              |  |
|          | 51             |  | Н        | H        | H  |  | -  | $\vdash$ |              |  |
|          | 52<br>53       | _  |          | H        |  | _  |  | _        | _            |  |
|          | 53             |  |          | <u> </u> | _  |  |  |          | <u> </u>     |  |
|          | 54<br>55       |  |          | _        |  |  |  |          | _            |  |
| <u> </u> | 55             |  |          | _        | _  |  |  |          | <u> </u>     | _  |
| <u> </u> | 56             |  | L        |          |  |  |  |          |              |  |
| ļ        | 57             |  |          |          |  |  |  |          |              |  |
| <u></u>  | 58             |  |          | <u> </u> |  |  |  |          |              |  |
|          | 59             |  |          | <u> </u> | _  |  | _  |          |              |  |
| <u> </u> | 60             |  |          |          |  |  |  |          |              |  |
| <u> </u> | 61             |  | _        |          |  |  |  |          |              |  |
| <u> </u> | 62             | Ш  | L        | <u> </u> | L_   |  |  | Ш        |              |  |
| L        | 63             |  |          | _        |  |  |  |          |              |  |
| <u></u>  | 64             |  |          | L        |  |  |  |          |              |  |
| <u></u>  | 64<br>65       |  | _        | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |  | Ш  | Ш        | L            | Ш  |
| L        | 66             | L  | <u> </u> | L_       |  |  |  |          | <u> </u>     | Щ  |
| L        | 67             |  |          | <u> </u> |  |  |  |          |              |  |
| <u> </u> | 68             |  |          | _        |  |  |  |          |              |  |
| <u> </u> | 69             |  |          |          |  |  |  |          |              |  |
| <u> </u> | 70             |  |          |          | _  | <u> </u>   |  | _        |              |  |
|          | 71             |  | L        |          | _  | _  |  |          |              |  |
| <b></b>  | 71<br>72<br>73 |  | L        |          | ·  |  |  |          |              |  |
|          | /3             |  |          | _        |  |  |  |          | _            | Ш  |
| -        | 74<br>75       | _  |          | -        |  |  |  |          | <u> </u>     | -  |
| -        | 75             |  | _        | -        |  |  |  |          |              | -  |
|          | 76<br>77<br>78 |  | -        | <u> </u> | _  |  |  |          | _            |  |
| -        | 70             | -  | -        |          | $\vdash$   |  | Н  | H-       |              |  |
| -        | 79             | -  |          | $\vdash$ | Н  |  | H  |          | $\vdash$     | $\vdash$   |
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| -        | 81             |  | $\vdash$ | $\vdash$ | $\vdash$   | _  | -  |          |              |  |
|          | 82             | -  |          | ┢        | $\vdash$   |  | H  |          |              | -  |
| -        | 83             |  | -        | ⊢        | $\vdash$   |  | $\vdash$   |          |              | -  |
| $\vdash$ | 84             |  | -        | $\vdash$ | $\vdash$   | H  | $\vdash$   | <u> </u> | <del> </del> |  |
| $\vdash$ | 85             | -  | -        | $\vdash$ | $\vdash$   | $\vdash$   | <del>  -</del>                                   | -        |              | <del>                                     </del> |
| -        | 86             | $\vdash$   | $\vdash$ | $\vdash$ | -  | -  | <del> </del>                                     | -        | $\vdash$     | $\vdash$   |
| $\vdash$ | 87             | $\vdash$   | $\vdash$ | -        | $\vdash$   | -  |  | -        | H            | H  |
|          | 88             | $\vdash$   | -        | $\vdash$ | <del>                                     </del> | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | Н  |
| $\vdash$ | 89             | _  |          | ┪        |  | $\vdash$   | $\vdash$   |          |              | H  |
|          | 90             |  | 1        |          |  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$   |
|          | 91             | <del>                                     </del> |          | T        |  | $\vdash$   | $\vdash$   |          | $\vdash$     | Н  |
|          | 92             |  |          |          |  | <del>                                     </del> | <del>                                     </del> |          |              | П  |
|          | 93             |  | -        | Π        |  | _  |  |          |              |  |
|          | 94             |  |          |          |  |  |  |          |              |  |
|          | 95             |  |          |          |  |  |  |          |              |  |
|          | 96             |  |          |          |  |  |  |          |              |  |
|          | 97             |  |          |          |  |  |  |          |              |  |
|          | 98             |  |          |          |  | L  |  |          |              |  |
| <u></u>  | 99             |  |          |          | <u> </u>   | <u> </u>   | <u> </u>   |          | <u> </u>     |  |
|          | 100            | l  | L_       | L        |  |  |  |          | L            |  |

| Cli         | aim               |          |  |          | [        | Date                                |              |            |          |          |
|-------------|-------------------|----------|--|----------|----------|-------------------------------------|--------------|------------|----------|----------|
|             |                   | _        |  |          |          |                                     |              |            |          |          |
| <u>_</u>    | Original          |          |  |          |          |                                     |              |            |          |          |
| Final       | Ē                 |          |  |          |          |                                     |              | l          |          |          |
| -           | 0                 |          |  |          |          |                                     |              |            |          |          |
| _           | 101               | _        | $\vdash$   |          | _        |                                     | _            | ┢          | $\vdash$ | Н        |
|             | 101               |          | $\vdash$   | $\vdash$ |          |                                     | _            | ┝          | -        | Н        |
|             | 101<br>102<br>103 |          | _  |          |          |                                     |              | $\vdash$   | ┝        | Н        |
|             | 103               | _        | $\vdash$   | $\vdash$ | _        |                                     | _            | $\vdash$   | $\vdash$ | Н        |
|             | 105               | _        | $\vdash$   |          |          |                                     |              | $\vdash$   | -        | -        |
|             | 104<br>105<br>106 |          | _  |          |          |                                     | _            | -          | -        |          |
|             | 107               |          | $\vdash$   | $\vdash$ | -        |                                     | _            | -          | -        | -        |
|             | 107               | _        | $\vdash$   |          | _        |                                     | <del> </del> | ├          | -        | Н        |
|             | 108<br>109        | _        | -  | -        |          | -                                   | -            | $\vdash$   |          | Н        |
|             | 110               | -        |  | -        | -        |                                     |              |            |          | H        |
|             | 111               | $\vdash$ | $\vdash$   | H        |          |                                     |              | $\vdash$   | H        | Н        |
| $\vdash$    | 112               | -        | $\vdash$   |          | $\vdash$ | Н                                   |              | $\vdash$   |          | H        |
| <del></del> | 113               | $\vdash$ | $\vdash$   |          |          | Н                                   |              | $\vdash$   | $\vdash$ | Н        |
| <del></del> | 113<br>114        | H        | $\vdash$   |          | H        | H                                   | -            |            | Н        | H        |
| <b></b>     | 115               |          | $\vdash$   | Н        | _        |                                     | $\vdash$     |            | $\vdash$ | $\vdash$ |
|             | 116               |          |  | П        |          | <b>.</b> .                          |              | $\vdash$   | H        |          |
| <b>—</b>    | 116<br>117        |          |  |          | Н        |                                     | <u> </u>     | <u> </u>   | Н        | $\vdash$ |
|             | 118               |          |  |          |          |                                     |              | $\vdash$   |          |          |
|             | 119               |          | $\vdash$   |          | $\vdash$ |                                     | _            | ┢          |          | H        |
|             | 119<br>120        |          |  |          | H        |                                     | ┢            | $\vdash$   |          | Н        |
|             | 121               |          | $\vdash$   |          |          |                                     |              |            |          | П        |
|             | 122               | _        | $\vdash$   |          |          |                                     |              |            |          | П        |
|             | 121<br>122<br>123 |          |  |          |          |                                     |              |            |          | П        |
|             | 124<br>125<br>126 |          |  |          |          |                                     |              |            |          | ·        |
|             | 125               |          | $\vdash$   |          |          |                                     |              |            |          |          |
|             | 126               |          |  |          |          |                                     | _            |            |          |          |
|             | 127<br>128<br>129 |          |  |          |          |                                     |              |            |          |          |
|             | 128               |          |  |          |          |                                     |              |            |          |          |
|             | 129               |          |  |          |          |                                     |              |            |          |          |
|             | 130               |          |  |          |          |                                     |              |            |          | П        |
|             | 130<br>131        |          |  |          |          |                                     |              |            |          |          |
|             | 132               |          |  |          |          |                                     |              |            |          |          |
|             | 133               |          |  |          |          |                                     |              |            |          |          |
|             | 134               |          |  |          |          |                                     |              |            |          |          |
|             | 135<br>136        |          |  |          |          |                                     |              |            |          |          |
|             | 136               |          |  |          |          |                                     |              |            |          | $\Box$   |
|             | 137               |          |  |          |          |                                     |              |            |          |          |
|             | 138               |          |  |          |          |                                     |              |            | 匚        |          |
|             | 139               |          |  |          |          |                                     |              |            | L        |          |
|             | 140               | L        | <u> </u>   |          |          |                                     | L            | L          |          |          |
| ļ <u> </u>  | 141               |          | L  |          |          | <u> </u>                            | <u> </u>     | <u> </u>   |          | Щ        |
|             | 142               |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$  |          | _        |                                     | <u> </u>     |            |          | Ш        |
|             | 143               |          | $ldsymbol{ld}}}}}}$ |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | _          | <u> </u> | Ш        |
|             | 144               | <u> </u> | <u> </u>   |          |          | <u> </u>                            |              | <u> </u>   | <u></u>  | Щ        |
| <u> </u>    | 145               | L_       | <u> </u>   |          | <u> </u> | <u> </u>                            | <u> </u>     | <u> </u> _ | _        | Щ        |
|             | 146               | _        | <u> </u>   |          | <u> </u> | <u> </u>                            |              | <u> </u>   | _        | Ш        |
|             | 147               |          | <u> </u>   | <u></u>  | <u> </u> | L_                                  | L_           | _          | <u> </u> | Ш        |
|             | 148               |          |  |          | _        | <u> </u>                            | <u> </u>     | <u> </u>   | <u> </u> |          |
|             | 149               | <u> </u> | _  | <u> </u> | <u> </u> | <u> </u>                            | <u> </u>     | <u> </u>   | <u> </u> | Щ        |
| L           | 150               | <u> </u> |  |          | <u> </u> | <u> </u>                            | L            | L_         | L        |          |